

(3)

LS ANSWER 1 OF 1 WPIX (C) 2002 THOMSON DERWENT
AN ***1997-359228*** [33] WPIX
DNC C1997-115562
TI Fire retardant - comprises heat conductive silicone rubber, basic metal oxide, inorganic carbide or nitride, reinforcing material, platinum compound and vulcanising agent..
DC A26 A85 E37 L03
PA (FUKO) FUJI KOBUNSHI KOGYO KK
CYC 1
PI JP 09151324 A 19970610 (199733)* 6p C08L083-04
ADT JP 09151324 A JP 1995-313106 19951130
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IC ICM C08L083-04
ICS C08K003-14; C08K003-22; C08K003-28; C08K005-14
AB JP 09151324 A UPAB: 19970813
A fire retardant can be extrusion moulded, has a heat conductivity after vulcanising of at least 1.7 w/mK and comprises 100 pts. wt. a silicone rubber, 10-490 pts.wt. a basic metal oxide having specific surface area of up to 1.0 m²/g and average diameter of 10-35 microns, 10-500 pts.wt. at least one of inorganic particles of carbide or nitride treated for water proofing, 0-500 pts.wt. reinforcing material, 0.01-10 pts.wt. platinum compound and 0.5-20 pts.wt. vulcanising agent.

Also claimed are : (a) the basic metal oxide being aluminium oxide, zinc oxide, magnesium oxide, calcium oxide or zirconium oxide; (b) the water proof treatment of nitride being a treatment to become the nitride stable against moisture in the air; (c) the nitride being boron nitride, aluminium nitride or silicon nitride and the carbide being silicon carbide titanium carbide or boron carbide; (d) the platinum compound being chloroplatinic acid, alcohol modified chloroplatinic acid, platinum-olefine complex or methylvinyl polysiloxane platinum complex; and (e) the composition further comprising at least one auxiliary fire retardant agent of iron oxide, titanium oxide, aluminium hydroxide, magnesium hydroxide.

BN KN

S₃ N₄

CC, TC

B₆C

USE - The composition is used for manufacturing heat conductive or electric insulating parts of electronic devices.

ADVANTAGE - The composition has an excellent fire barrier, heat conductivity and high electric resistivity and also storing stability.

Dwg. 0/0

FS CPI
FA AB; DCN
MC CPI: A06-A00B; A06-A00E2; A08-D01; A08-D05; A08-F01; A08-R01; A09-A01A; A11-C02; A12-E04; A12-E10; E31-H04; E31-N05A; E31-P06D; E31-Q03; E34-B01; E34-C02; E34-D01; E35-C; E35-L; L03-A
DRN 1247-U; 1503-U; 1508-U; 1509-U; 1510-U; 1520-U; 1521-U; 1544-U; 1893-U; 1966-U; 1998-S; 1998-U; 2020-U